

Claims

1. **(currently amended)** A lithographic printing composition, comprising an organic pigment, an organic dyestuff soluble in an organic solvent (solvent dye), a printing ink varnish (ink vehicle) and a solvent, the printing ink varnish being mixed or coloured with the solvent dye either prior to or during pigment dispersion wherein the pigment and solvent dye are present in a pigment/solvent dye ratio of from 95/5 to 65/35.
2. **(currently amended)** The composition as claimed in claim 1, wherein said organic dyestuff is a solvent dye selected from the group consisting of C.I. Solvent Red 1, 19, 23, 24, 25, 26, 27, 29, [[49,]] 52, 111, C.I. Solvent Blue 14, 35, 36, 59, 78, C.I. Solvent Yellow 7, 14, 33, 72, 94, 114, C.I. Solvent Orange 1, 2, 7, and mixtures thereof.
3. **(previously presented)** The composition according to claim 1, characterized in that said organic pigment is a disazo or a naphthol pigment.
- 4-5. **(cancelled)**
6. **(previously presented)** The composition according to claim 1 which comprises a mixture of solvent dyes and/or a mixture of organic pigments.
7. **(cancelled)**
8. **(previously presented)** A composition according to claim 1 which is a pigmented lithographic printing ink which comprises an organic pigment and a solvent dye in a total amount of 0.1-70%, by weight based on the total weight of the pigmented lithographic printing ink, and the remainder being printing ink varnishes, solvents and other customary additives.
9. **(previously presented)** The pigmented lithographic printing ink according to claim 8, which is a ready-to-use lithographic printing ink and which comprises the organic pigment and the solvent dye in a total amount of 2 to 20%, by weight based on the total weight of the pigmented lithographic printing ink.

10. (previously presented) A pigmented lithographic printing ink according to claim 8, which is an ink concentrate and which comprises the organic pigment and the solvent dye in a total amount of 20 to 70%, by weight based on the total weight of the pigmented lithographic printing ink.

11. (previously presented) The pigmented lithographic printing ink according to claim 8 which comprises as printing ink varnishes blends of high boiling distillates and/or vegetable oils, high wetting alkyd resins, highly structured alkyd resins, vegetable resins, mixtures thereof; or monomers/oligomers/polymers that can be cured by UV-radiation.

12. (previously presented) A process for the preparation of pigmented lithographic printing inks according to claim 8 which comprises incorporating either the pigment/solvent dye composition or the pigment and the solvent dye separately into a printing ink varnish, or one of its components, by shear rate- or heat-inducing methods, and optionally combining the pigment/solvent dye loaded components with the other components of the varnish.

13. (cancelled)

14. (previously presented) A process for the preparation of pigmented lithographic printing inks according to claim 8 which comprises incorporating the solvent dye as solid or solution in an organic solvent to the finished printing ink, optionally followed by heating.

15. (previously presented) A process for the preparation of pigmented lithographic printing inks according to claim 8 which comprises the flushing of presscakes of pigment or pigment/dye mixtures into a varnish medium or a pre-dyed varnish medium.

16. (previously presented) A lithographic printing process which comprises printing a flat substrate with the pigmented lithographic printing inks according to claim 8.

17. (previously presented) A composition according to claim 1 which is a lithographic printing ink colourant, wherein the organic pigment is coated with a printing ink varnish (ink vehicle).

18. (original) The colourant according to claim 17, which comprises the organic pigment and the solvent dye in a total amount of 60 to 95%, by weight, and 40 to 5%, by weight, of printing ink varnishes (ink vehicles), solvent and other customary additives.

19-20. (cancelled)

21. (previously presented) A pigmented lithographic printing ink, which comprises the colourant according to claim 17.

22. (previously presented) A process for the preparation of the lithographic printing ink colourants according to claim 17 which comprises

- (a) incorporating the printing ink varnish, which is premixed or coloured with the solvent dye, into an aqueous slurry of the organic pigment, isolating, and optionally drying it, or
- (b) adding the printing ink varnish to an aqueous slurry of the solvent dye and then combining it with an aqueous slurry of the organic pigment, isolating, and optionally drying it, or
- (c) adding the printing ink varnish to an aqueous slurry of a solvent dye/organic pigment combination, isolating, and optionally drying it.

23. (new) The pigmented lithographic printing ink according to claim 9, which comprises the organic pigment and the solvent dye in a total amount of 12 to 18%, by weight based on the total weight of the pigmented lithographic printing ink.